

Please substitute the paragraph beginning on page 10, line 10 with the following paragraph:

96
Display 132 and touch screen 130 may be employed to turn on each of the burners 134 ...140 and oven 142 of kitchen range 24 and to set the temperature of the selected heating element with the arrangement employed to turn on a burner being representative. In particular, included in display 132 under the label COOKING TOP are four icons 144, 146, 148, and 150 of the range 24 shown in FIG. 3. The control icon 144 of right front burner 134 is one implementation that is shown in more detail in FIGS. 7 and 8.

N.E.
Please substitute the paragraph beginning on page 18, line 17 with the following paragraph:

a7
Microprocessor 164 also transmits to the power line modem 86 in control box 80 information on the status of kitchen range 24, particularly information concerning the nature and seriousness of a problem with the appliance -- for example, a defective or burned-out heating element.

IN THE CLAIMS

Please substitute claims 1-12 and 14-19 and add claim 20 as follows:

- sub B2
a8
1. (Amended) A system, comprising:
an appliance;
means for monitoring the performance of said appliance; and
means for transmitting data indicative of a status of said appliance from said monitoring means to a facility physically remote from the appliance and the appliance monitoring means.
 2. (Amended) The system of claim 1 in which the means for monitoring said appliance comprises:

a data processing and storage means; and
means for transmitting data from said appliance to said data processing and storage means.

3. (Amended) The system of claim 2 in which the means for transmitting data from said appliance to said data processing and storage means comprises a modem and means connecting said modem to a power line servicing said appliance.

4. (Amended) The system of claim 1 in which the means for transmitting information from said data processing and storage means to said facility comprises a phone modem.

5. (Amended) The system of claim 1 in which the means for monitoring the appliance comprises an integrated unit with multiple user-selectable modes of operation.

6. (Amended) The system of claim 5 in which one of said user-selectable modes is a DIAGNOSTIC mode, said integrated unit having the capability with said integrated unit operating in the DIAGNOSTIC mode of displaying a message reporting the status of said appliance.

7. (Amended) The system of claim 5 in which:
said integrated unit comprises a module comprising a player for a disc with laser readable data stored thereon;

said integrated unit being operative in one of said multiple modes of operation to read data from said disc and communicate the retrieved data to a person using said integrated unit.

8. (Amended) The system of claim 5 in which said integrated unit has a screen and an INTERNET mode of operation in which a user-actuatable means is available to establish a

A8
cont.

connection to the Internet, said integrated unit having means for displaying information obtained from an Internet site on said screen.

9. (Amended) The system of claim 5:

in which said integrated unit comprises a television with a screen;

said system further comprising a user-actuatable means for selecting operation of said system in a television viewing mode.

10. (Amended) The system of claim 5 which comprises a remote control for selecting an operation mode of said integrated unit, said remote control having a separate, dedicated control for selecting each operating mode of said appliance.

11. (Amended) The system of claim 5 in which said integrated unit is so constructed that, when operation of said unit is switched from one of said modes to a different mode, operation of said integrated unit in said one mode will resume at the point where operation of the integrated unit in said one mode was interrupted.

sub B-3 12. (Amended) A system, comprising:
an appliance; and
an integrated unit for monitoring said appliance, said integrated unit comprising a screen;
said integrated unit having an operating system with the capability of powering up said integrated unit to display a message on said screen if a fault arises in said appliance.

14. (Amended) A system, comprising

an appliance; and

an integrated unit for monitoring said appliance;

said integrated unit having a screen and an operating system capable of causing a display message indicative of a fault in said appliance being displayed on said screen when said integrated unit is powered up.

15. (Amended) A system, comprising:

an appliance; and

a monitoring unit operably connected to said appliance, said appliance comprising a sensor for monitoring a parameter indicative of the performance of said appliance;

said monitoring unit comprising:

means for sampling the parameter available from said sensor at periodic intervals;

means for storing said parameter in said monitoring unit; and

means for comparing the stored parameter with reference data such that a problem associated with the appliance is identified if said appliance fails.

16. (Amended) The system of claim 15 in which said parameter is stored in a FIFO

file, oldest data being replaced with newest data after the file is filled.

56 B4 17. (Amended) A system comprises:

a supervisory unit; and

means for transmitting to said supervisory unit status information on an appliance associated with said supervisory unit;

said supervisory unit comprising a screen and an operating system for displaying on said screen a message reflecting the status information of said appliance.

18. (Amended) The system of claim 17 in which: